

## **EXPERIENCE**

**2008-Now      Software Engineer, Jiangsu Lemote Technology Co.,Ltd,  
Changshu, Suzhou, Jiangsu Province**

Lemote Technology is a corporation of designing and manufacturing Loongson based computers. It also provides some education solutions, such as e-bag(Electronic Schoolbag).

My department - Software Department is responsible for:

- BSP - Porting firmware/kernel to a new board.
- Developing/Maintaining our Linux distributions.
- Publishing our works to partners and/or the community.
- Providing technology support for other departments.

Main works I participated in are as follows:

- Building/Maintaining internal/external developing network.
- Developing/Maintaining our Linux distributions.
  - “CoCreate Linux for Loongson desktop” which is deployed in 150,000 Loongson computers in schools of Jiangsu Province. Participating in developing the recovery system, system optimizing/bug hunting
  - Leading the development of Loonux3, including recovery system, optimizing/bug hunting, exploiting hardware features.
- Participating in other kernel level works.
- Leading the development of a GStreamer based wireless broadcast solution, which is used in our e-bag app.
- Leading the development of a USB port usage(under Windows) central control/monitor system as Project Manager.

## **EDUCATION**

**9/2004-7/2008      Bachelor degree in Computer Science, Nanjing  
University of Aeronautics and Astronautics, Nanjing, Jiangsu Province**

## **SKILLS**

Programming Language: Assembly, C/C++, bash, python, etc

Linux developing experience: GNU tools, glib/gobject, Linux kernel, etc

System view of Linux Operating System

## REFERENCE INFORMATION

Some open source works:

- Kernel - “improve csum computing on mips” - <http://patchwork.linux-mips.org/patch/6988/>
- Kernel - “debug mips fpu do\_ade assertion errors” - <http://patchwork.linux-mips.org/patch/7298/>
- Kernel-DRI - “debug screen corruption on Loongson platform” - <http://lists.x.org/archives/xorg-driver-ati/2011-August/020897.html>
- Kernel-ALSA - “add a HDA codec support for Loongson notebooks” - <https://lkml.org/lkml/2012/8/17/107>
- GStreamer - “androidmedia: add support for video encoding” - [https://bugzilla.gnome.org/show\\_bug.cgi?id=705129](https://bugzilla.gnome.org/show_bug.cgi?id=705129)
- Systemd - “loop\_read/write fixup” - <http://lists.freedesktop.org/archives/systemd-devel/2013-September/013138.html>
- Systemd - “add fsck feedback to plymouth” - <http://lists.freedesktop.org/archives/systemd-devel/2011-June/002654.html>
- Oprofile - “add support for Loongson 2F(userspace support), another co-worker pushed the kernel side patch” - <http://sourceforge.net/p/oprofile/mailman/message/23808337/>

Patents:

- [Publication] “A readahead method for rotate hard disks”, APPL No. 2011104200037
- [Substantive examination] “Sync address book through social network”, APPL No. 201210147650X
- [Wait for substantive examination] “A FEC/Encryption-friendly network transport method”, APPL No.2013104084459
- [Wait for substantive examination] “A synchronized video broadcast method”, APPL No. 2013104123754
- [Wait for substantive examination] “An optimized memcpy implementation”, APPL No. 2013104082595
- [Wait for substantive examination] “An IM-style, interactive method for smart devices”, APPL No. 2013104120050

Others:

- Personal web page - <http://ceel.github.com>
- github - <https://github.com/ceel>